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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet 1

Signature

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of 1

Complete if Known					
Application Number	10/820,674	_			
Filing Date	04/08/2004				
First Named Inventor	WARREN M. FARNWORTH				
Art Unit	2823				
Examiner Name	THAI, LUAN				
Attorney Docket Number	97-1363.6	7			

Considered

Examiner	Cite	Document Number	U. S. PATENT Publication Date	I	Name of Patentee or	Pages, Columns, Lines, Who	
initials*	No.1	Number-Kind Code <sup>2 (F known)</sup>	MM-DD-YYYY	Apı	plicant of Cited Document	Relevant Pessages or Relevant Figures Appear	an
LT	Α	<sup>US-</sup> 5,277,787	01/11/1994	Otani et	al.		
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LT	С	<sup>US-</sup> 6,236,115 B1	05/22/2001	Gaynes	et al.		
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"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optionat). ²See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gog">www.uspto.gog</a> or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁴Applicant is to place a check mark here if English language Translation is attached.

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## STATEMENT BY APPLICANT

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of 1

First Named Inventor WARREN M. FARNWORTH Art Unit Examiner Name Attorney Docket Number 97-1363.6

				DOCUMENTS		
Examiner Initials*	Cite No.	Document Number  Number-Kind Code <sup>2 (7 known)</sup>	Publication Oate MM-OD-YYYY	Name of Pat Applicant of Cite		Pages, Columns, Lines, When Relevant Passages or Relevan Figures Appear
LT	Α	<sup>US-</sup> 5,959,840	09/28/1999	Collins et al.		
$\perp \Gamma$	В	<sup>US-</sup> 6,082,605	07/04/2000	Farnworth		
	C	<sup>us-</sup> 6,372,624 B1	04/16/2002	Farnworth et al.		
	۵	<sup>US-</sup> 6,589,594 B1	07/08/2003	Hembree		
	Е	<sup>US-</sup> 6,620,731 B1	09/16/2003	Farnworth et al.	-	
LT	F	<sup>US-</sup> 6,637,638 B1	10/28/2003	Farnworth et al.		
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xaminer nitials*	Cite No.	Foreign Patent Document	Put	cation Name o	f Patentee or	Pages, Columns, Lines,
110013	10.	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>9</sup> (if kn	543.4 17	ate Applicant of	Cited Document	Where Relevant Passages Or Relevant Figures Appear
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Substitute for form 1449/PTO	Complete if Known		
	Application Number		
INFORMATION DISCLOSURE	Filing Date	April 8, 2004	
	First Named Inventor	WARREN M. FARNWORTH	
STATEMENT BY APPLICANT	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
eet 11 of 4	Attorney Docket Number	97-1363.6	

			U. S. PATEN	DOCUMENTS	
Initials' No.1		Document Number	MM-0D-YYYY		Pages, Columns, Lines, Where Relevant Passages or Relevant
	ļ	Number-Kind Code <sup>3</sup> (f broad)			Figures Appear
LT	Α	US- 5,046,239	09/10/1991	Miller	
1	В	<sup>US-</sup> 5,063,177	11/05/1991	Geller et al.	
T	С	us- 5,172,050	12/15/1992	Swapp	
	D	US- 5,222,014	06/22/1993	Lin	
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	G	<sup>US-</sup> 5,249,450	10/05/1993	Wood et al.	
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	К	<sup>US-</sup> 5,483,741	01/16/1996	Akram et al.	
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	М	<sup>US-</sup> 5,487,999	01/30/1996	Farnworth	
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	Q	<sup>US-</sup> 5,578,526	11/26/1996	Akram et al.	1
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	Cile No.	Foreign Patent Occument	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (# known)	MM-OD-YYYY		Or Relevant Figures Appear	14
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Date

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO	Complete If Known		
	Application Number		
INTERDUATION DICCLOSURE	Fillng Date	April 8, 2004	
INFORMATION DISCLOSURE	First Named Inventor	WARREN M. FARNWORTH	
STATEMENT BY APPLICANT	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
neet 2 of 4	Attorney Docket Number	97-1363.6	

			U. S. PATENT	DOCUMENTS	
Examiner nitials*	Cile No.1	Document Number  Number-Kind Code <sup>2</sup> (Farces)	Publication Date MM-DD-YYYY	Name of Patentiee or Applicant of Cited Document	Pages, Columns, Unes, Where Relevant Passages or Relevant Figures Appear
LT	T	<sup>US-</sup> 5,633,122	05/27/1997	Tuttle	
1	U	<sup>US-</sup> 5,634,267	06/03/1997	Farnworth et al.	
	V	us. 5,674,785	10/07/1997	Akram et al.	
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	Υ	US- 5,739,585	04/14/1998	Akram et al.	
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1	АВ	us. 5,783,461	07/14/1998	Hembree	
	AC	<sup>US-</sup> 5,783,865	07/21/1998	Higashiguchi et al.	
	AD	us. 5,796,590	08/18/1998	Klein	
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	Cite	Foreign Patent Document	Publication Oate	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Γ
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\*EXAMINER: Initial if reference considered, whether or not distilon is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. 'Applicant's unique distilon designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.usplo.gov">www.usplo.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

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		Application Number			
INFORMATION DISCLOSURE		Filing Date	April 8, 2004		
		First Named Inventor	WARREN M. FARNWORTH		
	Art Unit				
(Use a	s many sheets as necessary)	Examiner Name			
Sheet 3	of 4	Attorney Docket Number	97-1363.6		

Examiner	Cite	Document Number	Publication Date	PAGE OF PAIGNESS OF	Pages, Columns, Lines, Where
tnitials*	No.	Number-Kind Code <sup>2</sup> [F traum)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
LT	AN	<sup>US-</sup> 5,929,647	07/17/1999	Akram et al.	
F	AO	<sup>US-</sup> 5,931,685	08/03/1999	Hembree et al.	
	AP	<sup>US.</sup> 5,936,847	08/10/1999	Kazle	
T	AQ	<sup>US-</sup> 5,952,840	09/14/1999	Farnworth et al.	
T	AR	<sup>US-</sup> 5,962,921	10/05/1999	Farnworth et al.	
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1	AT	<sup>US-</sup> 6,040,702	03/21/2000	Hembree et al.	
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7	BE	<sup>US-</sup> 6,437,591 B1	08/20/2002	Farnworth et al.	
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	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	Т
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			ANT First Named Inventor		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use as many shoots as necessary)			Filing Date	April 8, 2004	
			First Named Inventor	WARREN M. FARNWORTH	
			Art Unit		
			Examiner Name		
Sheet 4	of	4	Attorney Docket Number	97-1363.6	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
5	BG	T. R. ANTHONY. "Forming Electrical Interconnects Through Semiconductor Wafers", American Institute of Physics, 1981, pgs 5340-5349.	
Examiner Signature		Considered 12/2//o.	4

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